

10581538

=> d his all

(FILE 'HOME' ENTERED AT 15:07:39 ON 01 DEC 2009)

FILE 'REGISTRY' ENTERED AT 15:07:50 ON 01 DEC 2009

L1           STRUCTURE UPLOADED  
L2           50 S L1  
L3       61360 S L1 FULL  
L4           STRUCTURE UPLOADED  
L5           50 S L4  
L6       145212 S L4 FULL  
L7           STRUCTURE UPLOADED  
L8           0 S L7  
L9           3 S L7 FULL

FILE 'CAPLUS' ENTERED AT 15:13:53 ON 01 DEC 2009

L10           2 S L9

FILE 'STINGUIDE' ENTERED AT 15:14:37 ON 01 DEC 2009

FILE 'REGISTRY' ENTERED AT 15:17:50 ON 01 DEC 2009

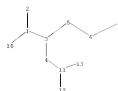
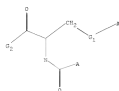
L11           STRUCTURE UPLOADED  
L12           50 S L11  
L13       3049 S L11 FULL  
L14           STRUCTURE UPLOADED  
L15           STRUCTURE UPLOADED  
L16           STRUCTURE UPLOADED  
L17       14 S L16 FULL SUB=L13

FILE 'CAPLUS' ENTERED AT 15:23:21 ON 01 DEC 2009

L18           5 S L17

=> log h

COST IN U.S. DOLLARS



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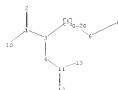
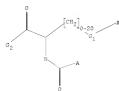
chain nodes :
  1  2  3  4  5  6  8  10  11  12  13
chain bonds :
  1-2  1-3  1-10  3-4  3-5  4-11  5-6  6-8  11-12  11-13
exact/norm bonds :
  1-2  1-10  3-4  4-11  5-6  6-8  11-12  11-13
exact bonds :
  1-3  3-5
  
```

G1:O,S

G2:O,S,N

```

Connectivity :
  8:1 M minimum C chain 13:1 M minimum C chain
Match level :
  1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 8:CLASS 10:CLASS 11:CLASS 12:CLASS
  13:CLASS
  
```



```

chain nodes :
  1  2  3  4  5  6  8 10 11 12 13
chain bonds :
  1-2 1-3 1-10 3-4 3-5 4-11 5-6 6-8 11-12 11-13
exact/norm bonds :
  1-2 1-10 3-4 4-11 5-6 6-8 11-12 11-13
exact bonds :
  1-3 3-5

```

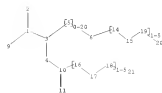
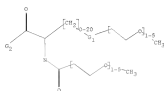
G1:O,S

G2:O,S,N

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  8:1 M minimum C chain 13:1 M minimum C chain
Match level :
  1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 8:CLASS 10:CLASS 11:CLASS 12:CLASS
  13:CLASS

```



chain nodes :

1 2 3 4 5 6 9 10 11 14 15 16 17 18 19 20 21

chain bonds :

1-2 1-3 1-9 3-4 3-5 4-10 5-6 6-14 10-11 10-16 14-15 15-19 16-17 17-18 18-21  
19-20

exact/norm bonds :

1-2 1-9 3-4 4-10 5-6 6-14 10-11 15-19 17-18

exact bonds :

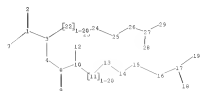
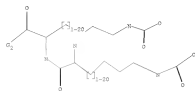
1-3 3-5 10-16 14-15 16-17 18-21 19-20

G1:O,S

G2:O,S,N

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 9:CLASS 10:CLASS 11:CLASS 14:CLASS  
15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS 20:CLASS 21:CLASS



chain nodes :

1 2 3 4 7 8 9 10 11 12 13 14 15 16 17 18 19 22 23 24 25 26 27 28 29

chain bonds :

1-2 1-3 1-7 3-4 3-22 4-8 8-9 8-10 10-11 10-12 11-13 13-14 14-15 15-16 16-17  
17-18 17-19 22-23 23-24 24-25 25-26 26-27 27-28 27-29

exact/norm bonds :

1-2 1-7 3-4 4-8 8-9 10-12 15-16 16-17 17-18 17-19 25-26 26-27 27-28 27-29

exact bonds :

1-3 3-22 8-10 10-11 11-13 13-14 14-15 22-23 23-24 24-25

G1:O,S

G2:O,S,N

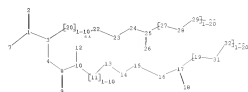
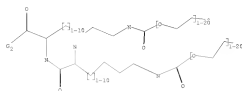
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1:CLASS 2:CLASS 3:CLASS 4:CLASS 7:CLASS 8:CLASS 9:CLASS 10:CLASS 11:CLASS 12:CLASS  
13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS 22:CLASS 23:CLASS  
24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:CLASS

```

1:CLASS 2:CLASS 3:CLASS 4:CLASS 7:CLASS 8:CLASS 9:CLASS 10:CLASS 11:CLASS 12:CLASS
13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS 22:CLASS 23:CLASS
24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:CLASS 32:CLASS 33:CLASS 34:CLASS
35:CLASS 36:CLASS 37:CLASS

```



chain nodes :

1 2 3 4 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28  
29 30 31 32 33

chain bonds :

1-2 1-3 1-7 3-4 3-20 4-8 8-9 8-10 10-11 10-12 11-13 13-14 14-15 15-16 16-17  
17-18 17-19 19-31 20-21 21-22 22-23 23-24 24-25 25-26 25-27 27-28 28-29 29-30  
31-32 32-33

exact/norm bonds :

1-2 1-7 3-4 4-8 8-9 10-12 15-16 16-17 17-18 17-19 19-31 23-24 24-25 25-26 25-27  
27-28 29-30 32-33

exact bonds :

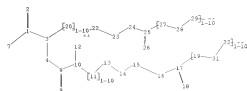
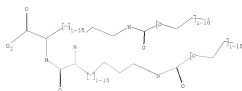
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G2:O,S,N

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 7:CLASS 8:CLASS 9:CLASS 10:CLASS 11:CLASS 12:CLASS  
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22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:CLASS 30:CLASS  
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31:CLASS 32:CLASS 33:CLASS